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(21) International Application Number: PCT/CA97/00759 (22) International Filing Date: 16 October 1997 (16.10.97) (30) Priority Data: 60/038,554 3 March 1997 (03.03.97) US (71) Applicant (for all designated States except US): CME TELEMETRIX INC. [CA/CA]; 560 Parkside Drive, Waterloo, Ontario N2L 5Z4 (CA). (72) Inventor; and (75) Inventor/Applicant (for US only): SAMSOONDAR, James [CA/CA]; 5556 Whistler Crescent, Mississauga, Ontario L4Z 3R5 (CA). (74) Agent: RUDOLPH, John, R.; Gowling Strathy & Henderson, Suite 1020, 50 Queen Street North, Kitchener, Ontario N2H 6M2 (CA).		(81) Designated States: CA, JP, KR, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: METHOD AND APPARATUS FOR MEASUREMENT OF BLOOD SUBSTITUTES (57) Abstract A method is disclosed whereby the concentration of a blood substitute, such as cross-linked hemoglobin, in a serum or plasma specimen is rapidly and accurately identified and quantified. The method further takes the measured concentration of the blood substitute and uses it to correct for its effect, if any, on a measured analyte concentration, e.g., serum/plasma total protein. Further, the method allows for the determination of the concentration of true hemoglobin in the presence of blood substitutes. The method is carried out in respect of samples contained in a primary or secondary labelled tube, or a pipette tip used to dispense serum or plasma in a blood analyzer.		